

Frequencies for selected variables
NHANES II LINKED MORTALITY FILE FREQUENCIES

VARIABLE		Number
<i>ELIGSTAT</i>	1=Eligible 3=Ineligible, insufficient data for matching	9249 3
<i>MORTSTAT</i>	0=Assumed alive 1=Assumed deceased Blank= Ineligible	5106 4143 3
<i>MORTSRCE</i>	1=NDI probabilistic match only 2=NDI match & death certificate match 3=Death certificate match only 4=Social Security Administration (SSA) indication of death only 5=Centers for Medicare and Medicaid Services (CMS) indication of death only Blank=Assumed alive or ineligible	222 3500 294 22 105 5109
<i>DODMONTH</i>	01-12 Blank=Assumed alive or ineligible	4143 5109
<i>DODDAY</i>	01-31 Blank=Assumed alive or ineligible	4143 5109
<i>DODYEAR</i>	1976-2000 Blank=Assumed alive or ineligible	4143 5109
<i>AGEDEATH</i>	31-97 Blank=Assumed alive or ineligible	4143 5109
<i>AGEPRALV</i>	51-99 Blank=Assumed deceased or ineligible	5106 4146
<i>CAUSEAVL</i>	0>No 1=Yes Blank=Assumed alive or ineligible	230 3913 5109
<i>DOBMONTH</i>	01-12	9252
<i>DOBDAY</i>	01-31	9252
<i>DOBYEAR</i>	1901-1949	9252
<i>DOEMONTH</i>	01-12	9252
<i>DOEDAY</i>	01-31	9252
<i>DOEYEAR</i>	1976-1980	9252
<i>AGEEXAM</i>	30-75	9252
<i>VITST92</i>	1=Assumed alive 2=Assumed deceased 3=Unknown	7105 2145 2

NHANES II LINKED MORTALITY FILE
Frequencies for selected variables among those 'assumed' deceased¹

Underlying Cause of Death-72 Groups (ICD-9)	Recode Group	Number of deaths
No cause of death data is available or cause of death coded with ICD-10	n/a	665
Tuberculosis of respiratory system (010-012)	040	2
Other tuberculosis (013-018)	050	1
Septicemia (038)	090	32
Viral hepatitis (070)	120	3
All other infectious and parasitic diseases (001-003, 005, 020-032, 037, 039-041, 046-054, 056-066, 071-088, 098-139)	140	14
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	160	12
Malignant neoplasms of digestive organs and peritoneum (150-159)	170	190
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	180	255
Malignant neoplasm of breast (174-175)	190	61
Malignant neoplasms of genital organs (179-187)	200	98
Malignant neoplasms of urinary organs (188-189)	210	46
Malignant neoplasms of all other and unspecified sites (170-173, 190-199)	220	101
Leukemia (204-208)	230	33
Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)	240	53
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)	250	14
Diabetes mellitus (250)	260	77
Nutritional deficiencies (260-269)	270	5
Anemias (280-285)	280	5
Meningitis (320-322), Major cardiovascular diseases (390-448), Diseases of heart (390-398, 402, 404-429)	290	2
Rheumatic fever and rheumatic heart disease (390-398)	320	10
Hypertensive heart disease (402)	330	31
Hypertensive heart and renal disease (404)	340	7
Acute myocardial infarction (410)	360	457
Other acute and subacute forms of ischemic heart disease (411)	370	9
Angina pectoris (413)	380	4
Old myocardial infarction and other forms of chronic ischemic heart disease (412, 414)	390	429
Other diseases of endocardium (424)	400	44
All other forms of heart disease (415-423, 425-429)	410	338
Hypertension with or without renal disease (401, 403)	420	16
Intracerebral and other intracranial hemorrhage (431-432)	440	33

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Frequencies for selected variables among those 'assumed' deceased¹

Underlying Cause of Death-72 Groups (ICD-9)	Recode Group	Number of deaths
Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0, 434.9)	450	31
Cerebral embolism (434.1)	460	4
All other and late effects of cerebrovascular diseases (430, 433, 435-438)	470	180
Atherosclerosis (440)	480	25
Other diseases of arteries, arterioles, and capillaries (441-448)	490	47
Acute bronchitis and bronchiolitis (466)	500	1
Pneumonia (480-486)	520	129
Bronchitis, chronic and unspecified (490-491)	550	5
Emphysema (492)	560	36
Asthma (493)	570	5
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	580	122
Ulcer of stomach and duodenum (531-533)	590	9
Appendicitis (540-543)	600	1
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553, 560)	610	14
Chronic liver disease and cirrhosis (571)	620	41
Cholelithiasis and other disorders of gallbladder (574-575)	630	6
Acute glomerulonephritis and nephrotic syndrome (580-581)	650	1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583, 587)	660	5
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586, 588-589)	670	32
Infections of kidney (590)	680	1
Hyperplasia of prostate (600)	690	1
Congenital anomalies (740-759)	730	6
Symptoms, signs, and ill-defined conditions (780-799)	770	31
All other diseases (Residual)	780	264
Motor vehicle accidents (E810-E825)	800	20
All other accidents and adverse effects (E800-E807, E826-E949)	810	51
Suicide (E950-E959)	820	23
Homicide and legal intervention (E960-E978)	830	4
All other external causes (E980-E999)	840	1

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NHANES II LINKED MORTALITY FILE
Frequencies for selected variables among those 'assumed' deceased¹

Underlying Cause of Death-34 Groups (ICD-9)	Recode Group	Number of deaths
No cause of death data is available or cause of death coded with ICD-10	n/a	665
Tuberculosis (010-018)	010	3
Residual of infectious and parasitic diseases (001-009,020-041,*042-*044,045-088,098-139)	030	49
Malignant neoplasms of digestive organs and peritoneum (150-159)	050	190
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	060	255
Malignant neoplasm of breast (174-175)	070	61
Malignant neoplasms of genital organs (179-187)	080	98
Malignant neoplasms of urinary organs (188-189)	090	46
Leukemia (204-208)	100	33
Other malignant neoplasms (140-149,170-173,190-203)	110	166
Diabetes mellitus (250)	120	77
Rheumatic fever and rheumatic heart disease (390-398)	150	10
Hypertensive heart disease with or without renal disease (402,404)	160	38
Ischemic heart disease (410-414)	170	899
Other heart diseases (415-429)	180	382
Hypertension with or without renal disease (401,403)	190	16
Cerebrovascular diseases (430-438)	200	248
Atherosclerosis (440)	210	25
Other diseases of arteries, arterioles, and capillaries (441-448)	220	47
Pneumonia and influenza (480-487)	230	129
Chronic obstructive pulmonary diseases and allied conditions (490-496)	240	168
Ulcer of stomach and duodenum (531-533)	250	9
Chronic liver disease and cirrhosis (571)	260	41
Nephritis, nephrotic syndrome, and nephrosis (580-589)	270	38
Congenital anomalies (740-759)	290	6
Symptoms, signs, and ill-defined conditions (780-799)	310	31
All other diseases (Residual)	320	314
Motor vehicle accidents (E810-E825)	330	20
All other accidents and adverse effects (E800-E807,E826-E949)	340	51
Suicide (E950-E959)	350	23
Homicide and legal intervention (E960-E978)	360	4
All other external causes (E980-E999)	370	1

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NHANES II LINKED MORTALITY FILE
Frequencies for selected variables among those 'assumed' deceased¹

Underlying Cause of Death-113 Groups (ICD-10)	Recode Group	Number of deaths
No cause of death data is available	n/a	230
Respiratory tuberculosis (A16)	005	2
Other tuberculosis (A17-A19)	006	1
Septicemia (A40-A41)	010	41
Viral hepatitis (B15-B19)	015	3
Human immunodeficiency virus (HIV) disease (B20-B24)	016	5
Other and unspec. Infectious and parasitic diseases and their sequelae (A00, A05,A20-A36,A42-A44,A48-A49,A54-A79,A81-A82,A85.0-A85.1, A85.8,A86-B04,B06-B09,B25-B49,B55-B99)	018	7
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	020	12
Malignant neoplasm of esophagus (C15)	021	25
Malignant neoplasm of stomach (C16)	022	20
Malignant neoplasms of colon, rectum and anus (C18-C21)	023	93
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	024	18
Malignant neoplasm of pancreas (C25)	025	46
Malignant neoplasm of larynx (C32)	026	3
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	027	274
Malignant melanoma of skin (C43)	028	7
Malignant neoplasm of breast (C50)	029	64
Malignant neoplasm of cervix uteri (C53)	030	1
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	031	12
Malignant neoplasm of ovary (C56)	032	24
Malignant neoplasm of prostate (C61)	033	65
Malignant neoplasms of kidney and renal pelvis (C64-C65)	034	26
Malignant neoplasm of bladder (C67)	035	25
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	036	18
Hodgkin's disease (C81)	038	3
Non-Hodgkin's lymphoma (C82-C85)	039	35
Leukemia (C91-C95)	040	36
Multiple myeloma and immunoproliferative neoplasms (C88,C90)	041	24
All other and unspecified malignant neoplasms (C17,C23-C24,C26-C31,C37-C41, C44-C49,C51-C52,C57-C60,C62-C63,C66,C68-C69,C73-C80,C97)	043	105

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Underlying Cause of Death-113 Groups (ICD-10)	Recode Group	Number of deaths
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	044	16
Anemias (D50-D64)	045	5
Diabetes mellitus (E10-E14)	046	94
Malnutrition (E40-E46)	048	6
Other nutritional deficiencies (E50-E64)	049	2
Human immunodeficiency virus (HIV) disease resulting in malignant neoplasms (B21)	050	2
Parkinson's disease (G20-G21)	051	19
Alzheimer's disease (G30)	052	37
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	055	10
Hypertensive heart disease (I11)	056	33
Hypertensive heart and renal disease (I13)	057	8
Acute myocardial infarction (I21-I22)	059	486
Other acute ischemic heart diseases (I24)	060	9
Atherosclerotic cardiovascular disease, so described (I25.0)	062	104
All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)	063	489
Acute and subacute endocarditis (I33)	065	1
Diseases of pericardium and acute myocarditis (I30-I31,I40)	066	2
Heart failure (I50)	067	94
All other forms of heart disease (I26-I28,I34-I38,I42-I49,I51)	068	237
Essential (primary) hypertension and hypertensive renal disease (I10,I12)	069	20
Cerebrovascular diseases (I60-I69)	070	287
Atherosclerosis (I70)	071	31
Aortic aneurysm and dissection (I71)	073	29
Other diseases of arteries, arterioles and capillaries (I72-I78)	074	21
Other disorders of circulatory system (I80-I99)	075	4
Pneumonia (J12-J18)	078	147
Acute bronchitis and bronchiolitis (J20-J21)	080	1
Bronchitis, chronic and unspecified (J40-J42)	083	6
Emphysema (J43)	084	37
Asthma (J45-J46)	085	5
Other chronic lower respiratory diseases (J44,J47)	086	141
Pneumoconioses and chemical effects (J60-J66,J68)	087	4
Pneumonitis due to solids and liquids (J69)	088	19

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Underlying Cause of Death-113 Groups (ICD-10)	Recode Group	Number of deaths
Other diseases of respiratory system (J00-J06,J30-J39,J67,J70-J98)	089	25
Peptic ulcer (K25-K28)	090	10
Diseases of appendix (K35-K38)	091	1
Hernia (K40-K46)	092	2
Alcoholic liver disease (K70)	094	12
Other chronic liver disease and cirrhosis (K73-K74)	095	29
Cholelithiasis and other disorders of gallbladder (K80-K82)	096	6
Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01,N04)	098	1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03,N05-N07,N26)	099	5
Renal failure (N17-N19)	100	37
Infections of kidney (N10-N12,N13.6,N15.1)	102	1
Hyperplasia of prostate (N40)	103	1
Inflammatory diseases of female pelvic organs (N70-N76)	104	1
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	109	8
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	110	32
All other diseases (Residual) (D65-E07,E15-E34,E65-F99,G04-G12,G23-G25,G31-H93,K00-K22,K29-K31,K50-K66,K71-K72,K75-K76,K83-M99, N13.0-N13.5,N13.7-N13.9,N14,N15.0,N15.8-N15.9,N20-N23,N28-N39,N41-N64,N80N98)	111	230
Motor vehicle accidents (V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2, V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8,V89.0,V89.2)	114	21
Falls (W00-W19)	118	15
Accidental discharge of firearms (W32-W34)	119	1
Accidental drowning and submersion (W65-W74)	120	1
Accidental exposure to smoke, fire and flames (X00-X09)	121	7

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Underlying Cause of Death-113 Groups (ICD-10)	Recode Group	Number of deaths
Accidental poisoning and exposure to noxious substances (X40-X49)	122	1
Other and unspecified nontransport accidents and their sequelae (W20-W31,W35-W64,W75-W99,X10-X39,X50-X59,Y86)	123	27
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	125	17
Intentional self-harm (suicide) by other and unspecified means and their sequelae (*U03,X60-X71,X75-X84,Y87.0)	126	8
Assault (homicide) by discharge of firearms (*U01.4,X93-X95)	128	1
Assault (homicide) by other and unspecified means and their sequelae (*U01.0-*U01.3,*U01.5-*U01.9,*U02,X85-X92,X96-Y09,Y87.1)	129	4
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34,Y87.2,Y89.9)	133	1
Complications of medical and surgical care (Y40-Y84,Y88)	135	7

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Frequencies for selected variables among those 'assumed' deceased¹

Underlying Cause of Death-39 Groups (ICD-10)	Recode Group	Number of deaths
No cause of death data is available or cause of death coded with ICD-9	n/a	3708
Malignant neoplasm of stomach (C16)	005	2
Malignant neoplasms of colon, rectum and anus (C18-C21)	006	8
Malignant neoplasm of pancreas (C25)	007	9
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	008	26
Malignant neoplasm of breast (C50)	009	3
Malignant neoplasms of cervix uteri, corpus uteri and ovary (C53-C56)	010	4
Malignant neoplasm of prostate (C61)	011	3
Malignant neoplasms of urinary tract (C64-C68)	012	7
Non-Hodgkin's lymphoma (C82-C85)	013	4
Leukemia (C91-C95)	014	3
Other malignant neoplasms (C00-C15,C17,C22-C24,C26-C32,C37-C49,C51-C52, C57-C60,C62-C63,C69-81,C88,C90,C96-C97)	015	18
Diabetes mellitus (E10-E14)	016	17
Alzheimer's disease (G30)	017	8
Hypertensive heart disease with or without renal disease (I11,I13)	020	3
Ischemic heart diseases (I20-I25)	021	94
Other diseases of heart (I00-I09,I26-I51)	022	47
Essential (primary) hypertension and hypertensive renal disease (I10,I12)	023	4
Cerebrovascular diseases (I60-I69)	024	40
Atherosclerosis (I70)	025	6
Other diseases of circulatory system (I71-I78)	026	3
Influenza and pneumonia (J10-J18)	027	18
Chronic lower respiratory diseases (J40-J47)	028	21
Peptic ulcer (K25-K28)	029	1
Nephritis, nephrotic syndrome, and nephrosis (N00-N07,N17-N19,N25-N27)	031	5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	034	2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (excluding Sudden infant death syndrome) (R00-R94,R96-R99)	036	1
All other diseases (Residual) (A00-A09,A20-A49,A54-B19,B25-B99,D00-E07,E15-G25,G31-H93,I80-J06,J20-J39,J60-K22,K29-K66,K71-K72,K75-M99,N10-N15,N20-N23,N28-N98)	037	66

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Frequencies for selected variables among those 'assumed' deceased¹

Underlying Cause of Death-39 Groups (ICD-10)	Recode Group	Number of deaths
Motor vehicle accidents (V02-V04,V09.0,V12-V14,V19.0-V19.2,V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8,V89.0,V89.2)	038	1
All other and unspecified accidents and adverse effects (V01,V05-V06,V09.1,V09.3-V09.9,V10-V11,V15-V18,V19.3,V19.8-V19.9,V80.0-V80.2,V80.6-V80.9,V81.2-V81.9,V82.2-V82.9,V87.9,V88.9,V89.1,V89.3,V89.9,V90-X59,Y40-Y86,Y88)	039	8
Intentional self-harm (suicide) (U03,X60-X84,Y87.0)	040	2
Assault (homicide) (U01-U02,X85-Y09,Y87.1)	041	1

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